The Army Distributed Learning Program

DLS World Wide IPR

8 November 2004

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TRADOC Program Integration Officer

The Army Distributed Learning Program
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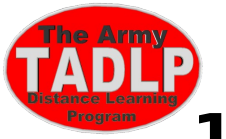
AGENDA

- The Army Distributed Learning Program Overview
- Distributed Learning (DL) Courseware
- Classroom XXI
- Digital Deployed Training Campuses (DDTC)
- Learning Management System (LMS)
- The Army Training Information System (ATIS)
- Lifelong Learning Centers (LLC)
- DL Strategic Communications

The Army Distributed Learning Program
Mission

"To improve readiness by the delivery of standardized individual, collective, and self-development training to soldiers and units any time and any place through the application of multiple means and technologies."



1996

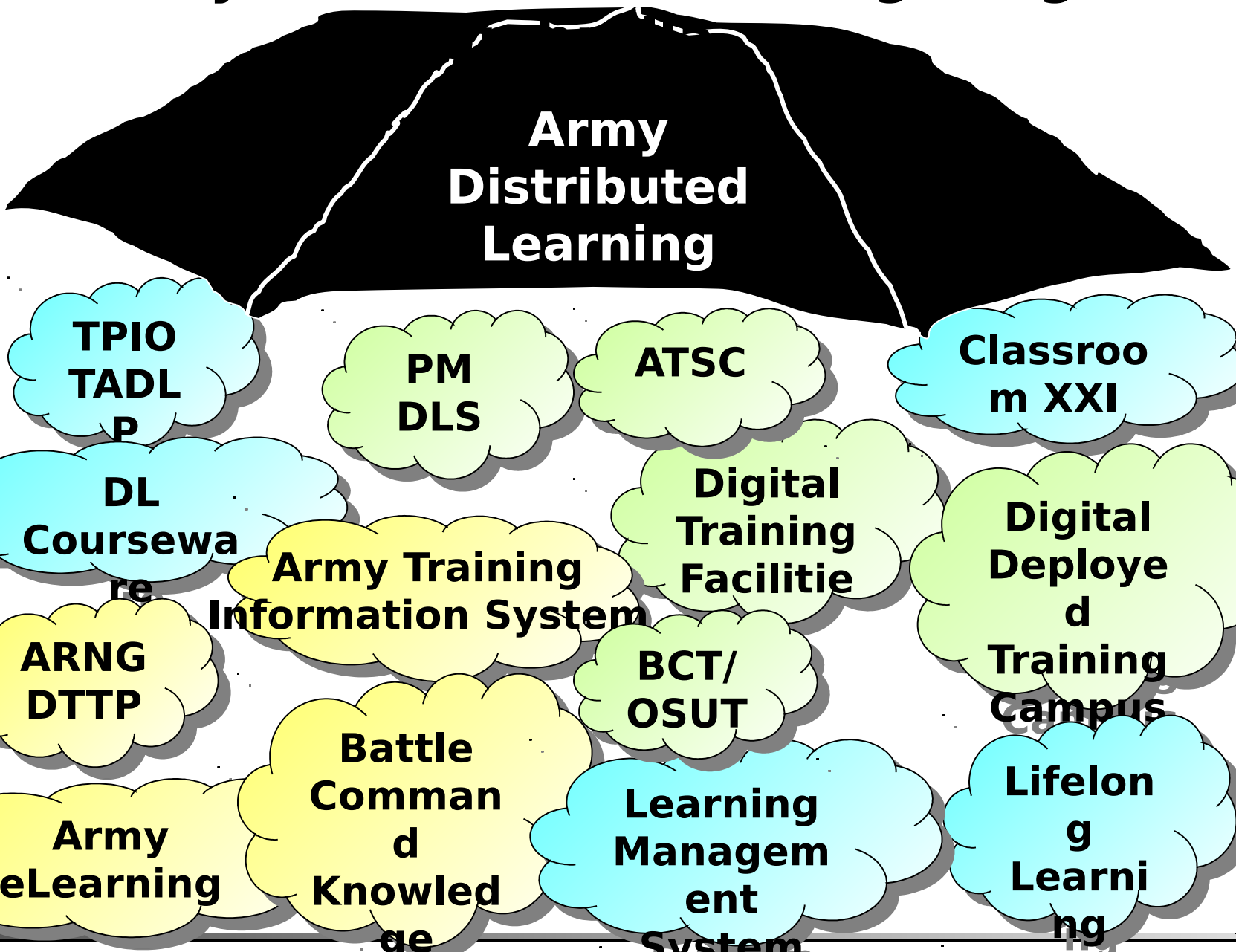
Supports Army Transformation Efforts

2010

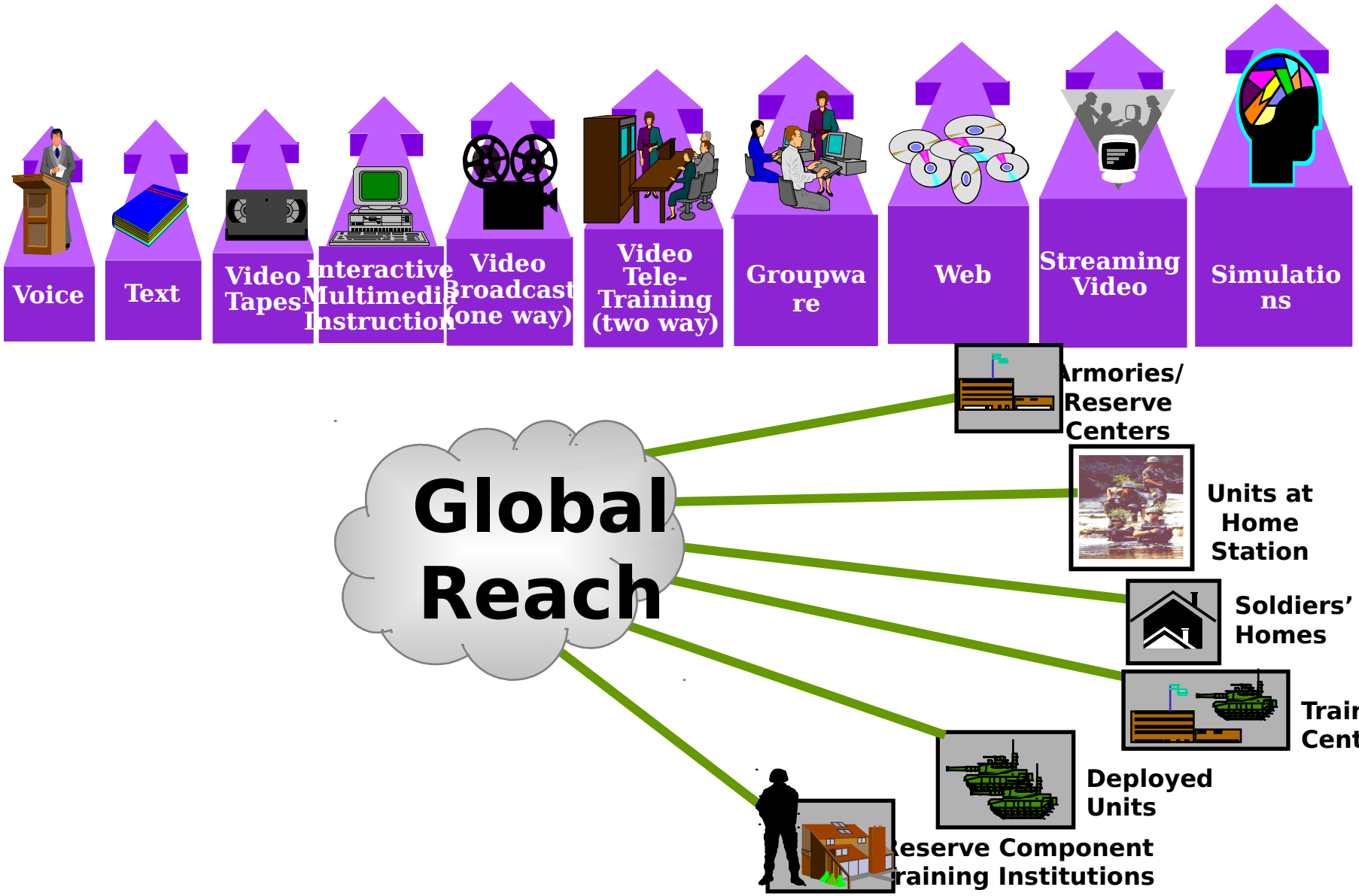
Distributed Learning Vision

- Increased Readiness
- Improved Access And Opportunity
- Life Long Learning
- Increased Effectiveness In Training And Education
- Provide Training Any Time And Any Place
- Reduced Cost Per Trained Soldier
- Greater Stability For Families
- Just In Time Reach Back Capability

The Army Distributed Learning Program



DL Delivery


Voice
Text
Video Tapes
Interactive Multimedia Instruction
Video Broadcast (one way)
Video Tele-Training (two way)
Groupware
Web
Streaming Video
Simulations
Global Reach
rmories/ Reserve Centers
Units at Home Station
Soldiers' Homes
Training Centers
Deployed Units
eserve Component raining Institutions

The Army Distributed Learning Program Benefits

Leveraging Information Age Technologies for Training:

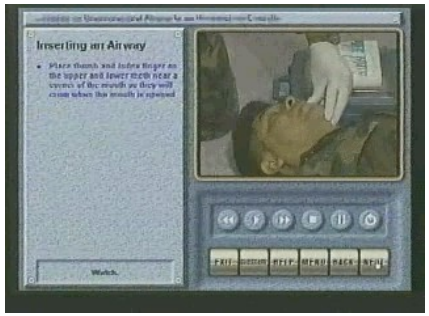
- Improves readiness- supports an Army at War!
- Continuous training environment throughout career
- Foundation for life long learning
- Provides training anytime, anywhere; reduces time soldiers are away from unit/home
- Training efficiencies leveraged through multimedia and immersive training products
- Significant training cost avoidances
- Standardized Reserve Component and Active Component training
- Accessibility to online higher education courses
- Quicker & wider dissemination of updated training materials
- More realistic simulations with many more real life players

Distributed Learning (DL) Courseware

- **Program goal: 525 DL courses**
  - **259 TADLP courses funded**

    FY98-04:
  - **113 TADLP courses fielded**
- **DL courseware categories:**
  - **RECLASS- Trains primarily Reserve Soldiers for new military occupation**
  - **PROFESSIONAL MILITARY EDUCATION- Trains Soldiers to move up to the next skill level in their occupation**
  - **FUNCTIONAL- Trains Soldiers in [illegible]**
- **Courseware redesign priorities for**

  FY05:
  - **Readiness**
  - **Reclassification, Reserve focus**
  - **Professional military education**
  - **Functional courses**
- **Courseware focus areas:**
  - **Rapid generation**
  - **Emerging technological challenges**
  - **Ensuring cross platform playability**



Annual DL CW Nomination & Selection Process Annual Milestones

- **MACOMs** (NGB, AR, FORSCOM, MEDCOM, TRADOC, USASOC)
  - Nominate new courses for DL redesign NLT 30 September
  - Submit request for course(s) to be reprioritized on approved DL Master Redesign Course List NLT 30 September

- **TRADOC-TPIO**
  - Compile lists -- forward to MACOMs and proponent schools for review NLT 15 January

- **MACOMs**
  - Review and comment on courses NLT 15 February

- **TRADOC-TPIO**
  - Reconcile MACOM input with CG TRADOC guidance NLT 1 March
  - Host annual CW prioritization workshop in March
  - Distribute approved fiscal year priority list in April

- *(AW TR350-70)*

TRADOC Commander's FY05 DL CW Priorities

- Contemporary Operating Environment/Global War on Terrorism (COE/GWOT)

- Duty MOS Qualified (DMOSQ) – SL10 Reclassification (USARC/NGB/ARMY)

- Professional Military Education
  - Basic NCO Courses
  - Advanced NCO Courses
  - Warrant Officer Education System
  - Officer Education System

- Functional Courses

Professional Military Education Success Story

ISSUE: Professional Military Education backlog amongst Non-Commissioned Officers due to ongoing operational deployments in the Middle East

SOLUTION:

- **Video Teletraining has provided ~6200 graduates to date**
- **Basic Non-Commissioned Officer Course, Common Core training, Battle Staff, Medical Certification, First Sergeants Course, Language refresher, and Combat Engineer (IED).**
- **Between July 04 and April 05 approximately 13,000 soldiers will be scheduled for Professional Military Education via Video-Teletraining**
  - **3000 Soldiers in Europe**
  - **1700 Soldiers in Korea**
  - **8000 Soldiers in CONUS**

Classroom XXI

Classroom XXI modernizes TRADOC resident classrooms to transmit (push) and deliver DL anytime, anywhere from proponent schoolhouses

- 270 high-tech classrooms scheduled thru FY14
- Current CRXXI classroom fielding status:
  - 54 classrooms fielded (FY98-04)
  - 18 classrooms in progress (FY05)
- TRADOC is inserting Classroom XXI technology into 110 high tech classrooms in 5 new Basic Combat Training / One Station Unit Training barracks complexes

Deployed Digital Training Campus

<u>DDTC Deployments</u>: Germany; Bosnia; Kosovo; Hungary; Sinai

"Go anywhere"
- Low weight and compact
- Rapid setup & use in austere conditions
- Fully integrated & Available now

- Meets the immediate need for mobile, adaptable, high capacity secure wireless and satellite communications
- High bandwidth …Deliver any content, anywhere, any time
- Networked with reach back capability
- Plan, rehearse and execute
- Stryker BDE train-up for Iraq deployment
- In block 4 of PM DLS acquisition strategy

Satellite link connects remote sites with any VTT or VTC system globally. DDTC is virtually unlimited in connecting to any other communication technology systems.

DDTC Vision

- Provides ‘on demand / call forward’ capability
- PM DLS scheduled to begin fielding systems in FY06
- Provide “embedded” individual, collective, collaborative, and simulations based training capability
  - Force XXI Battle Command Battalion/Brigade and Below (FBCB2) Training
  - Squad Laser Marksmanship Training / Sniper Training System
  - Virtual sand-table
  - Two-way interactive VTT using voice over IP
  - Access to all DL based classrooms
- Provide full spectrum connectivity (terrestrial, satellite, and wireless)
- Provide NSA approved secure communications capability
- Highly mobile (HMMWV), small footprint, one soldier 30 min max set-up time

How the Army LMS Will Affect Schools

- As the LMS is fielded, there are significant operational impacts that will affect all aspects of Army training, for example:
  - How classes are scheduled
  - How resources are catalogued and allocated to course iterations
  - How courseware is designed and loaded onto the LMS content server
  - How student progress is monitored, recorded and archived
  - How each proponent will transition from their unique LMS methodology to the common system

Transitioning to the Army LMS

- Preparations are being implemented to smooth the transition to the new LMS
- Here is what is available at www.tadlp.monroe.army.mil for the transition:
  - Policy memorandum
  - Concept of Operations document
  - Fielding plan
  - Training Standing Operating Procedures
  - Online training tutorials in vignette format
  - User manuals
- The transition will only be as good as the preparations each schoolhouse invests

Army Training Information System (ATIS) Vision

Seamlessly integrated, interoperable training information management system with a common database & set of services supporting the requirements of the ATIA-Operational Architecture (OA) configurations

ATIS Operational Vision

ATIS Current Status

- Learning Management System (LMS)
  - ASARC decision - SEP 04
  - Fielding begins 29 November at MANSCEN
- Training and Doctrine Development Toolkit (TDDT) (ASAT Replacement)
  - Currently in limited use by FCS training developers
  - Expected fielding 4th Qtr FY05
- Unit Training Management Configuration (UTMC) (SATS Replacement)
  - The Digital Training Management System (DTMS) proof of principal (PoP) to deliver UTMC functional requirements completed Oct 04
  - Briefing status to TLGOSC Nov 04 for decision on road ahead

ATIS Current Status (cont)

- Army Training Information System (ATIS) ORD
  - Anticipate delivery to Pentagon for final staffing Dec 04
- Lifelong Learning Center (LLC)
- Funding for two prototype LLCs approved in FY06
- Distributing Ft Gordon LLC monies across TRADOC to scale existing capabilities in accordance with master plan
- ISERA Scheduler Pilot
- ISERA pilot at USAOS&C scheduled for evaluation 1st Qtr FY05
- Joint Knowledge Development Distribution Capability (JKDDC) Portal
- Serves as single authorization and authentication point for access to DoD wide DL content.
- Will host Joint DL catalog initiative as directed by CG TRADOC

ATIS Future Development Strategy

- Implement a “system of system” enterprise management structure
  - Align key stakeholder responsibilities to effectively develop and sustain an enterprise training management system in support of the Army Training Enterprise Integration (ATEI) vision
  - Develop system of systems approach for requirements / configuration management process
  - Gain key “stakeholder” agreement on ATIS architectural vision
- Gain DA concurrence on ATIS ORD (2nd Qtr FY05)

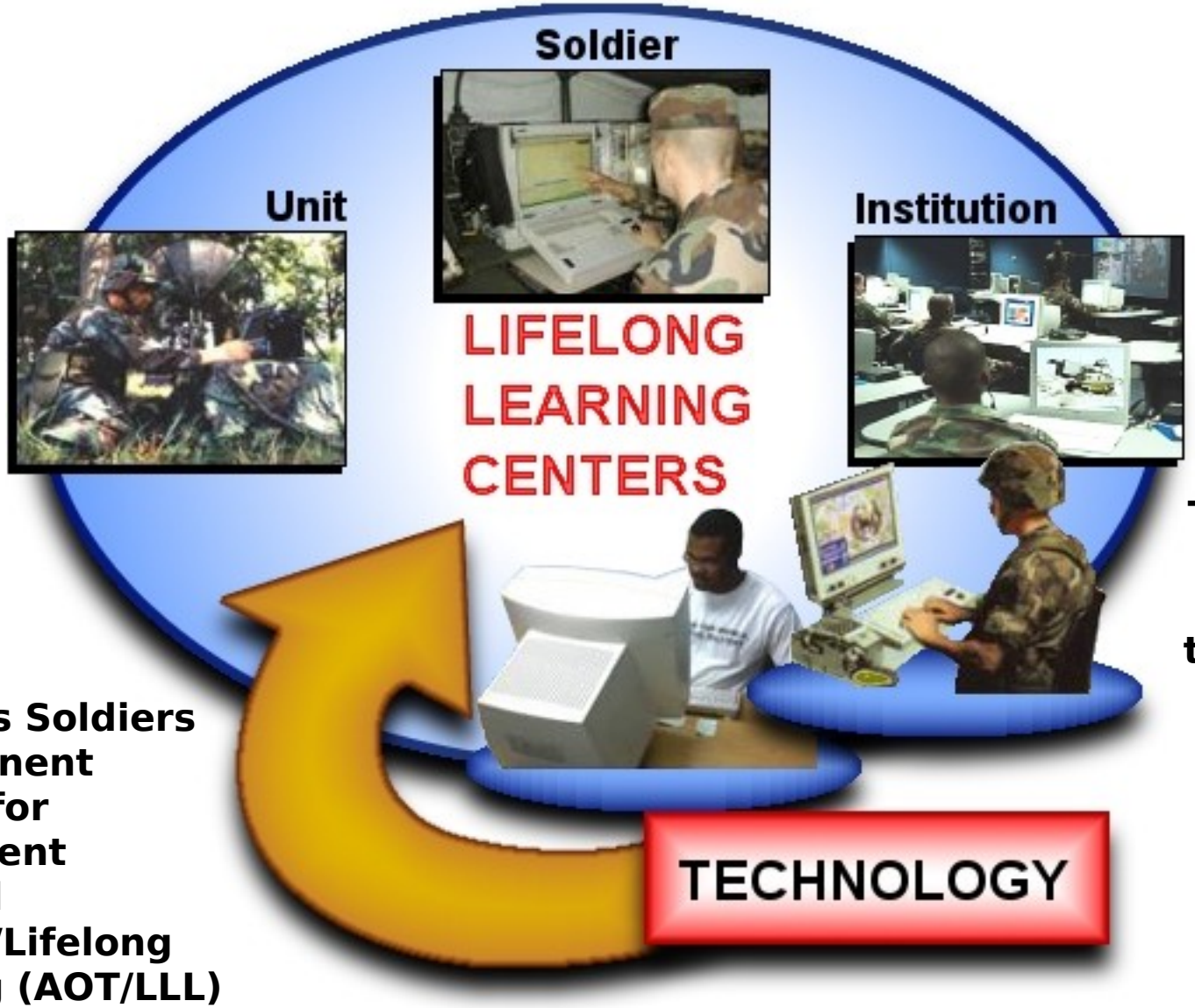
Lifelong Learning Center (LLC) Initiative

- LLC is the digital hub of the Army's lifelong learning process where standardized proponent content is developed, stored and delivered to Soldiers (AC/RC) and DA civilians, using cost effective mix of new information technologies and education methods.

- Key enabler for:
  - Strategic Plan for Transforming DOD Training
  - CSA Leader Development & Education Focus Areas
  - CSA Army Training & Leader Development Plan (ATDLP) imperatives
  - AOT Initiative

- LLC is integrally linked to Future Combat System, Battle Command Knowledge System, The Army Distributed Learning Program, Army Training Information System, Reimer Digital Library, and the Joint Training System.

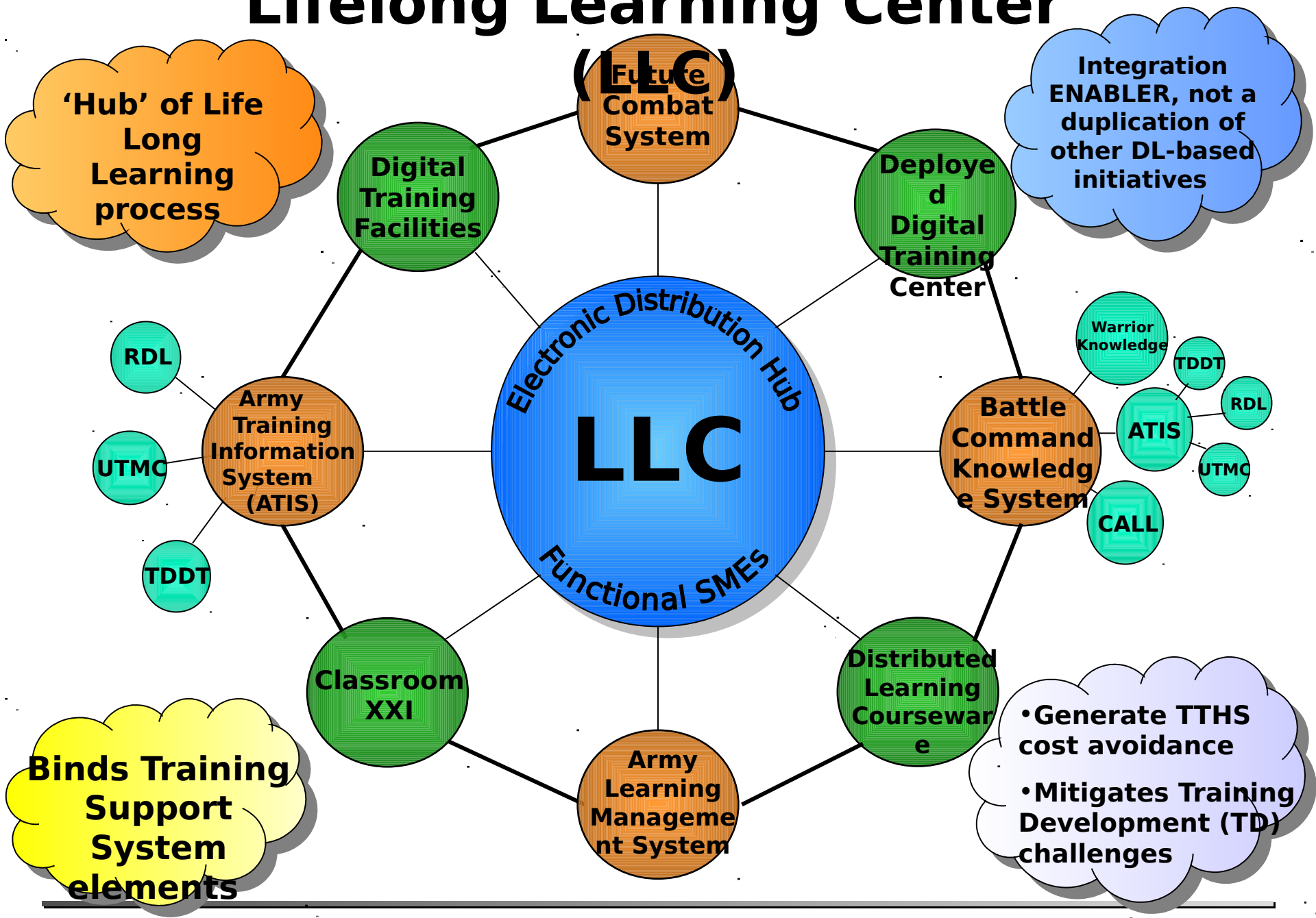
TRADOC Lifelong Learning Centers (LLCs)



Connects Soldiers to proponent schools for Assignment Oriented Training/Lifelong Learning (AOT/LLL)

The digital hub that integrates the Army's lifelong learning process at TRADOC proponent schools

Lifelong Learning Center (LLC)



Lifelong Learning Center

- One prototype LLC fielded at Fort Gordon FY02
- DA approved $3.4M in FY06 funding to:
  - Establish 2 new pilot LLCs as proof-of-principle
  - Sustain Fort Gordon LLC
- Installations selected for LLC pilots:
  - Fort Leavenworth, CGSC (leadership development training)
  - Fort Leonard Wood, MANSCEN (MOS training)
- Fielding is one LLC each at 15 TRADOC installations

Lifelong Learning Center

Role of TRADOC LLC Executive Agent (EA)

TRADOC DCSOPS&T designated the Signal Center, Fort Gordon as EA to assist proponent schools to:

- Develop Digital Training Master Plans for execution of school training strategies

- Solicit their input to refine plans for fielding LLCs across TRADOC

- Establish standardized LLCs across TRADOC (hardware/software, personnel)

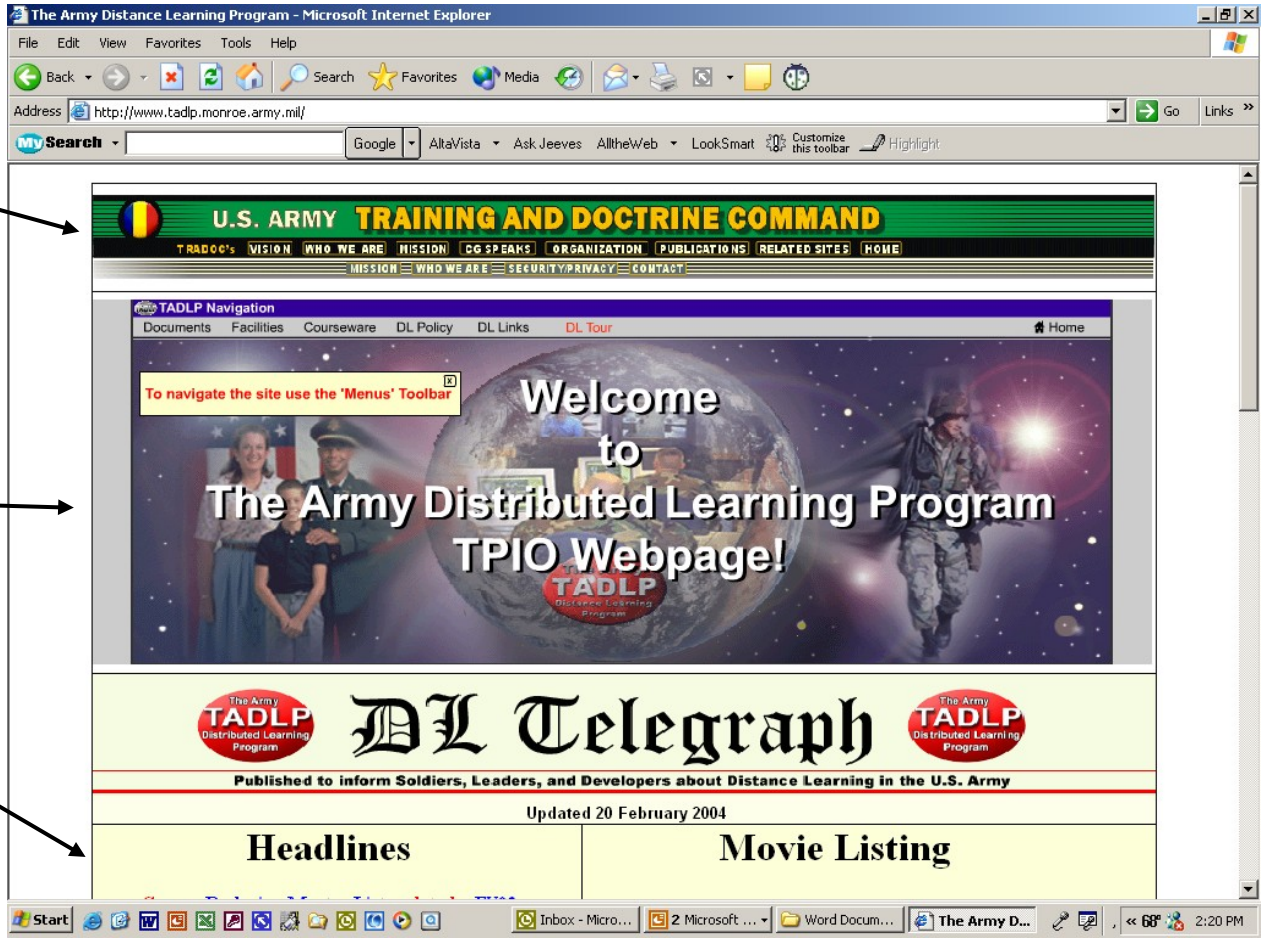
- Set up proponent school web portals

TADLP Website

TRADOC homepage links

TADLP Interactive menu, policy information and overview

TADLP news, presentations, papers, movie clips and more!



The TADLP Homepage (http://www.tadlp.monroe.army.mil/) is the comprehensive source for TADLP information and links. It contains a "tour" of the program, all of the latest DL policies, access to important documents, briefings, the new TADLP registration and login website, the prioritized DL course list, the locations of Digital Training Facilities, and much more.

TADLP Bulletin

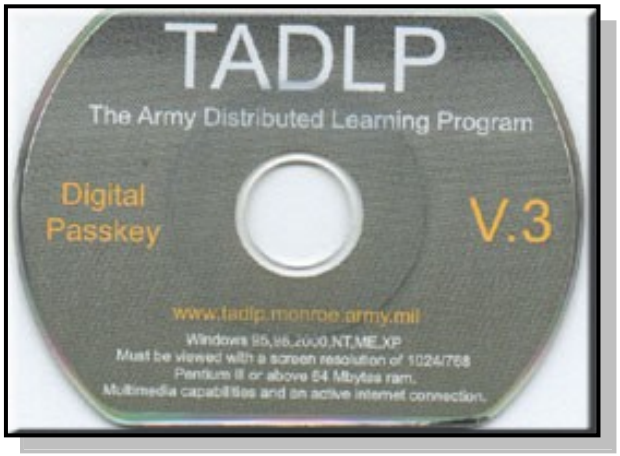
- The TADLP provides the latest information and news on DL policies, lessons-learned, business practices and successes
- The publication provides comments on current TPIO priorities

To subscribe to the TADLP Bulletin send and email with "Subscribe to TADLP Bulletin" to: tadlpmktg@monroe.army.mil

To access archives of past TADLP Bulletins visit: http://www.tadlp.monroe.army.mil/bulletin_archives.htm

Digital Pass Keycard

- The TADLP DPK was developed and produced by TRADOC's Training Development and Delivery Directorate
- The DPK has information and resources about The Army Distributed Learning Program, as well as links to a wide array of training and educational resources. It also information on access to the latest DL courseware and technology.



Access to Army Training Anytime, Anywhere

DPK features:

- **Numerous DL related links**
- **Worldwide listing and contacts for DTFs**
- **Interactive wallpaper with DL content**
- **Links to PERSCOM, Army news, training, and other opportunities**
- **Links to DL programs of the Air Force, Navy and Marines**
- **TADLP promotional video**

Back Up Slides

Army's Top 25 Critical Recruiting MOSs

- 11X Infantryman
- 13B Canon Crewmember
- 13D FA Comp Sys Spc
- 13F Fire Support Spc
- 13M MLRS Crewmember
- 14E Patriot Fire Control Operator/Maintainer
- 14J AD Enhanced Operator/Maintainer
- 14T Patriot LS Operator/Maintainer
- 15Q Air Traffic Controller
- 19D Cavalry Scout
- 19K M1 Armor Crewmember
- 31B Military Police
- 31R/25Q Network Switching Sys Operator
- 31S/25S Satellite Comm Oper
- 55D/89D Explosive Ord Disp
- 63A Abrams Tank Maintainer
- 63H Tracked Veh Repairer
- 63M Bradley Maintainer
- 63Y Tracked Veh Mech
- 74D Chemical Oper Spc
- 88M Motor Transport Oper
- 91W Health Care Spc
- 92F Petroleum Supp Spc
- 92G Food service Spc
- 98X Crypto Linguist/Analyst

Source: Army G-1

As of 14 Oct 04

AC Critical Reclass MOSs

- **Short Term (FY05)**
  - 37F Psychological Operations Specialist
  - 25B Information Systems Operation Analyst
- **Mid Term (FY06)**
  - 96B Intelligence Analyst
  - 91V Respiratory Specialist
  - 91W Combat Medic
  - 92F Petroleum Supply Specialist
  - 92W Water Treatment Specialist
  - 15P Aviation Operations Specialist
  - 97E HUMINT Collector
  - 74D NBC Operations
- **Long Term (FY07)**
  - 18 Special Forces
  - 55D EOD Specialist
  - 88M Motor Transport Operator

Source: HRC

As of 14 Oct 04

RC Critical DMOSQ

- 21B Combat Engineer
- 21E Heavy Construction Equip Oper
- 21W Carpentry & Masonary Spc
- 31B Military Police
- 31U Signal Sprt Sys Spc
- 33W MI Sys Maint/Integrator
- 42L Admin Spc
- 55D/89D Explosive Ord Disp
- 74D Chemical Oper Spc
- 88M Motor Transport Oper
- 91K Med Lab Spc
- 92A Automated Log Spc
- 92Y Unit Supply Spc
- 91W Health Care Spc
- 92F Petroleum Sup Spc
- 96B Intel Analyst
- 97B Counter Intel Agent
- 97E HUMINT Collector
- 97L Translator/Interpreter

Source: FORSCOM

Legend:
Top RC critical MOS

As of 14 Oct 04

TADLP DMOSQ CW Funded for 1Q FY05

Course Number/Title	School	DL/IMI Hours	% DL
250-13F10 / TATS FIRE SUPPORT SPEC (RC)	FA	51	19%
171-19D10 / TATS CAVALRY SCOUT RECLASS (RC)	AR	75	97%
243-96B10 / INTELL ANALYST (RC)	MI	46	14%
331-37F10 PH1 / PSYCH OPER SPECIALIST RECLASS (RC)	SWCS	92	42%
551-88M10DL / MOTOR TRANS RECLASS TATS (RC)	TRANS	17	14%
551-91J10 (DL) / MEDICAL LOG SPECIALIST (RECLASS) (RC)	AMEDD	50	83%
21J10 / GENERAL CONSTRUCTION EQUIP OP RECLASS (RC)	ENGR	30	23%
513-91G10/ PATIENT ADMIN SPECIALIST (RC)	AMEDD	54	45%
21W10 / CARPENTRY & MASONRY SPEC RECLASS (RC)	ENGR	27	10%
321-91R10 (DL) / VETERINARY FOOD INSPECTION SPEC (RC)	AMEDD	80	38%
805-27D10 PH1 /PARALEGAL SPEC (RC)	JAG	90	100 %

Note: RC represents consolidated submission for USARC/NGB

Source: TRADOC DCSOPS&T

As of 14 Oct 04

National Guard CW Funded for FY05

Course	School
98G10 / Crypto Commo Interceptor/Locator (RC)	MI
46Q30 / Public Affairs Supervisor BNCOC (RC)	SC
46R30 / Public Affairs Supervisor BNCOC (RC)	SC
35M10 / Radar Repairer (RC)	MI

Source: NGB

As of 14 Oct 04

DL CW Supporting Critical MOSs

CRITICAL MOSs		IN DEV/ FIELDED DL CW
MOS	TITLE	
11X	Infantryman	X
13B	Canon Crewmember	
13D	FA Computer Sys Specialist	X
13F	Fire Support Specialist	X
13M	MLRS Crewmember	
14E	Patriot F C Op/Maintainer	
14J	AD C41 TOC Enh Op/Mnt	X
14T	Patriot LS Op/Maintainer	
15P	Aviation Operations Spec	X
15Q	Air Traffic Controller	X
18	Special Forces	
19D	Cavalry Scout	X
19K	M1 Armor Crewmember	X
21B	Combat Engineer ANCOC	X
21E	Heavy Construction Eq Op	
21W	Carpentry & Masonary Spec	X
31B	Military Police	X
31R/25Q	Network Switching Sys	
31S/25S	Satellite Communications	X
31U	Signal Support Systems Spec	
33W	MI Systems Maint/Integrator	

DL courses exists for Top 5 RC critical MOSs

Legend:
Top RC critical MOS

Critical MOSs

CRITICAL MOSs		IN DEV/ FIELDED DL CW
42L	Administrative Spec	
55D/89D	Explosive Ordnance Disposal	
63A	Abrams Tank Maintainer	
63H	Tracked Vehicle Repair	X
63M	Bradly Maintainer	
63Y	Tracked Vehicle Mechanic	
74D	Chemical Operations Spec	X
88M	Motor Transport Operator	X
91K	Med Laboratory Spec	
91W	Health Care Specialist	X
92A	Automated Logistics Spec	X
92F	Petroleum Supply Specialist	X
92G	Food Service Specialist	X
92W	Water Treatment Spec	X
92Y	Unit Supply Specialist	X
96B	Intelligence Analyst	X
97B	Counter Intelligence Agent	X
97E	Human Intelligence Collector	X
97L	Translator/Interpreter	
98X	Crypto Linguist/Analyst	

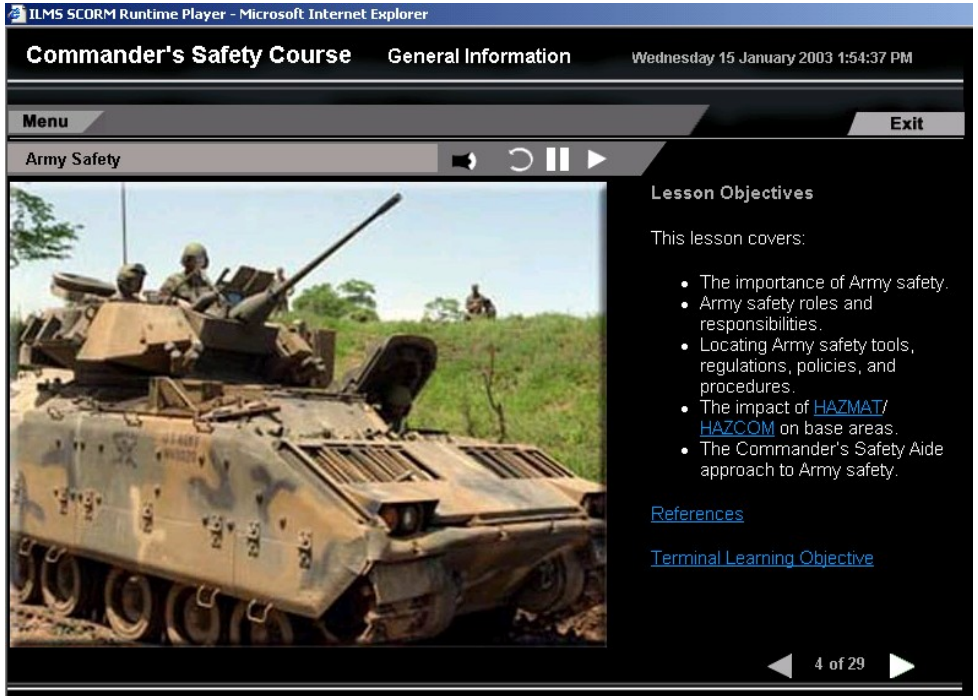
DL course exists for common critical MOSs

Legend:
Top RC critical MOS
MOS on all critical list
Top MOS & on all lists

Commander's Safety Course (CSC)

The Commander's Safety Course is a Chief of Staff, Army directed initiative and is mandatory training for all incoming commanders at the Company level and higher.

- **Course fielded August 02**
- **20,918 students have graduated as of Oct 04**
- **Cost $548K to develop**



- **100% Web Delivered** (*can be delivered on CD ROM where necessary*)
- **5 Modules; 12 Credit Hours**
- **Engaging Delivery**
- **Tough & Realistic Testing**
- **Take Away Tool & Job Aid**
- **Fully Linked to Learning Management System**

First Sergeant Course (FSC)

- Historically, the FSC was 5 weeks at FT Bliss
- Piloted in FY99
- Implemented in FY01
- Prepares selected Master Sergeants for duties as a unit First Sergeant

263 Soldiers Trained in FY01

242 Soldiers Trained in FY02

279 Soldiers Trained in FY03

550 Soldiers Trained in FY04

1.334 Total Soldiers Trained

Cost $535K to develop; cost avoidance of ~$600K a year

2 Phase Course:

- **Phase I: Delivered by CD ROM - paper product used as a backup. Self- study with WEB testing through Internet**
- **Phase II: 5 Training Days - Resident**
  - **Ft Bliss – USA Sergeants Major Academy**
  - **Four Reserve Component Sites - PA, UT, SC, WI**
  - **DL – Video Tele-Training - Resident**
    - **Germany, Alaska, Hawaii**
      - **Six Continental US classes in FY03 reaching eleven different installations**